

## WEST Search History

DATE: Monday, November 24, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
L10	replicable adj6 display adj6 antibody	8	L10
L9	L8 and pepscan or spotscan	14	L9
L8	phage adj5 display adj5 antibody adj5 library	474	L8
L7	(bacteriophage adj6 (antibodies or scfv)) and pepscan	0	L7
L6	L5 and pepscan	46	L6
L5	phage adj6 antibody	3840	L5
L4	L3 and overlap adj6 sets	1	L4
L3	L2 and (antigen or oligopeptide) adj6 (pins or beads or solid phase)	760	L3
L2	phage adj4 (antibody or scFv or Ig)	3107	L2
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L1	6265150.pn.	1	L1

END OF SEARCH HISTORY

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: sssptau183tw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?) :2

\* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the present  
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective August 1, 2003  
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded  
NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 16 NOV 24 MSDS-CCOHS file reloaded

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 18:04:46 ON 24 NOV 2003

=> file ca medline  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE TOTAL  
ENTRY SESSION  
0.21 0.21

FILE 'CA' ENTERED AT 18:05:06 ON 24 NOV 2003

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'MEDLINE' ENTERED AT 18:05:06 ON 24 NOV 2003

=> s replicable(5w)display(5w)(antibody or ab or scfv or Vl or vH)  
L1 1 REPLICABLE(5W) DISPLAY(5W) (ANTIBODY OR AB OR SCFV OR VL OR VH)

=> d l1 ti au so py ab

L1 ANSWER 1 OF 1 CA COPYRIGHT 2003 ACS on STN  
TI Antibody screening from replicable genetic display package (rgdp) library  
for therapeutic use  
IN Kurosawa, Yoshikazu; Akahori, Yasushi; Hirono, Yukari; Kakita, Mai;  
Suzuki, Kazuhiro; Okuno, Yoshinobu  
SO PCT Int. Appl., 171 pp.  
CODEN: PIXXD2  
PY 2003  
AB An affinitive linker is introduced into a target substance and captured by  
a binding partner capable of binding to the affinitive linker to thereby  
select a binding mol. capable of binding to the target substance. For  
example, a sugar chain contained in an influenza virus antigen  
(hemagglutinin) is labeled with an affinitive linker such as biotin and  
allowed to bind to streptavidin serving as a binding partner and then  
recovered. Thus, an antibody binding to the antigen can be easily concd.  
This method of selecting a binding mol. is useful in screening a  
neutralizer.

=> s phage display antibody  
L2 145 PHAGE DISPLAY ANTIBODY

=> s l2 and pepscan or spotscan  
L3 10 L2 AND PEPSCAN OR SPOTSCAN

=> d l3 1-10 ti au so py ab

L3 ANSWER 1 OF 10 CA COPYRIGHT 2003 ACS on STN  
TI Delineation of a neutralizing subregion within the immunodominant epitope  
(GH loop) of foot-and-mouth disease virus VP1 which does not contain the  
RGD motif  
AU Brown, Fred; Benkirane, Nadia; Limal, David; Halimi, Hubert; Newman, John  
F. E.; Van Regenmortel, Marc H. V.; Briand, Jean-Paul; Muller, Sylviane  
SO Vaccine (1999), 18(1-2), 50-56  
CODEN: VACCDE; ISSN: 0264-410X  
PY 1999  
AB The major immunogenic site of foot-and-mouth disease virus (FMDV) is  
contained in a disordered loop comprising residues 134-158 of capsid  
protein VP1, located on the surface of the viral particle. Peptides  
corresponding to this sequence generally elicit protective levels of  
neutralizing antibodies in guinea pigs. In some instances, however, the  
level of neutralizing antibodies is low although the level of antibodies  
against the peptide, detd. by ELISA, is as high as that in the sera with  
high neutralizing antibody titers. In an attempt to ascertain the reason  
for this difference, we have synthesized on a cellulose membrane 10  
overlapping decapeptides, offset by one residue, covering the segment  
141-159 of VP1 of two viruses belonging to serotypes A12 and O1, and  
tested them with guinea pig antisera raised against peptide 141-159, VP1  
and FMDV particles (SPOTscan method). With type A, some  
peptides which were strongly pos. with highly neutralizing antisera did  
not include the RGD triplet located at residues 145-147. In contrast,  
antisera with low neutralization titers reacted only with decapeptides  
which included the RGD motif. Moreover, peptide 147-156 coupled to  
keyhole limpet hemocyanin, but not peptide 141-149 coupled to the same  
carrier, elicited high levels of neutralizing antibodies in guinea pigs.